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ARRAY COMPOSITION AND METHODS OF MAKING SAME

Dickinson, et al.

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FIG. 1F

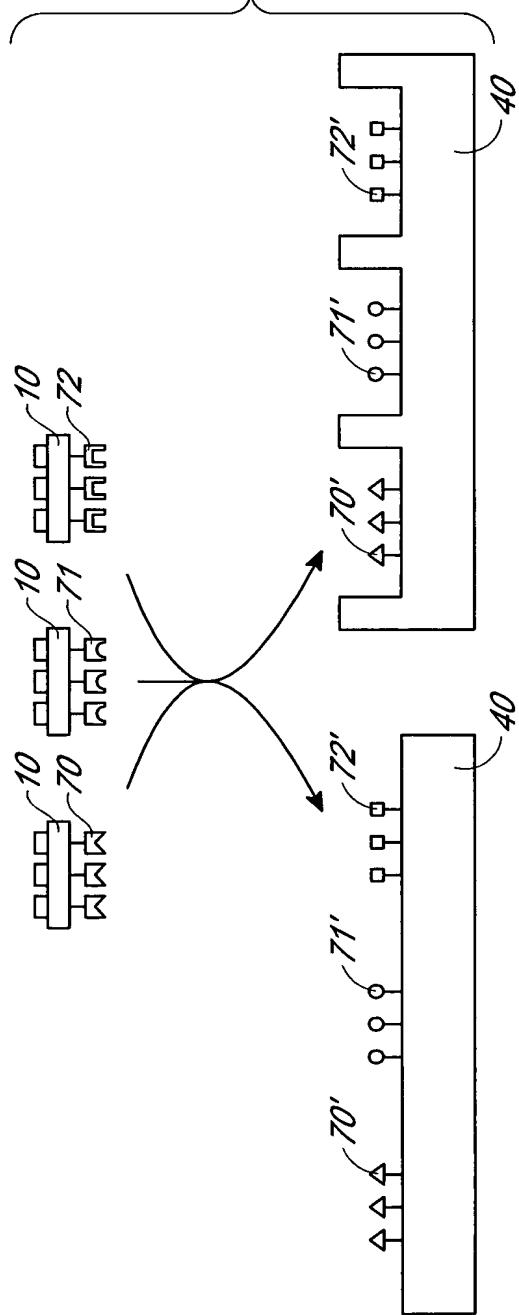


FIG. 2A

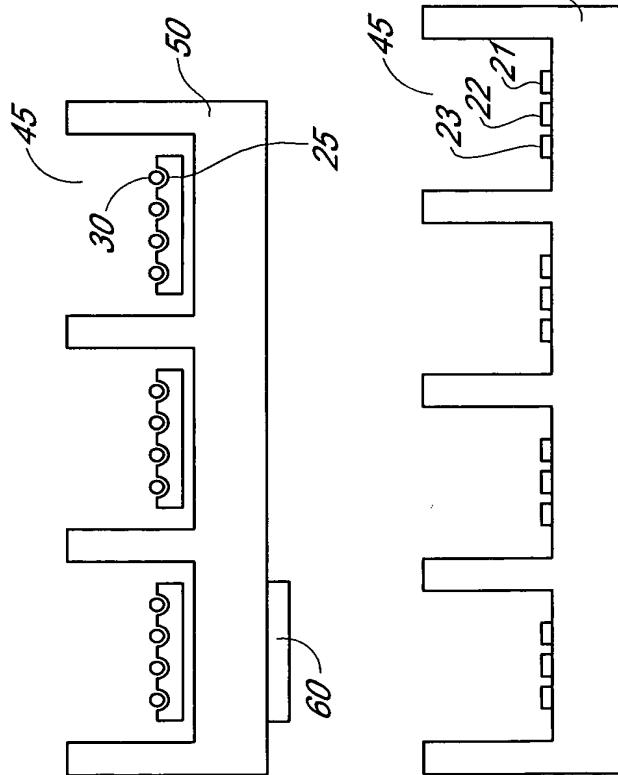
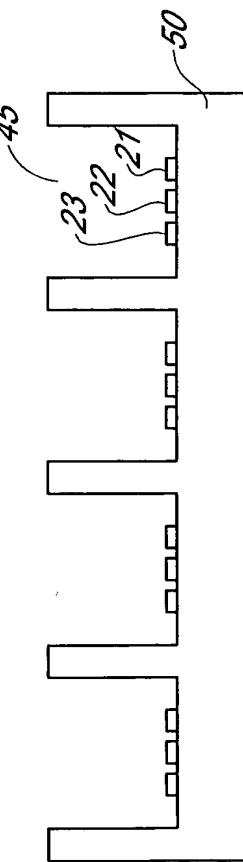


FIG. 2B



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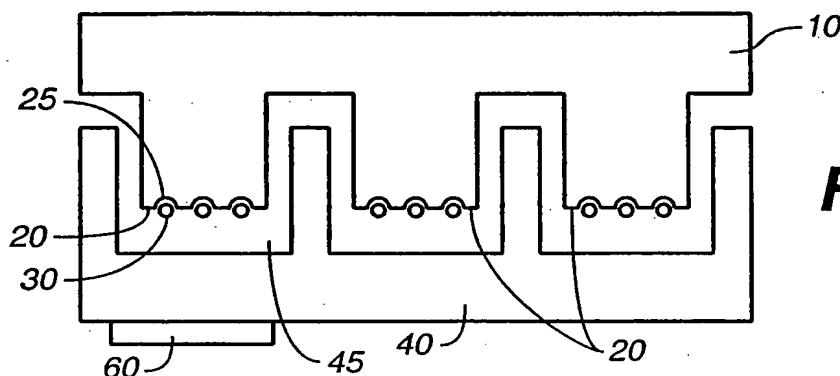


FIG. 1A

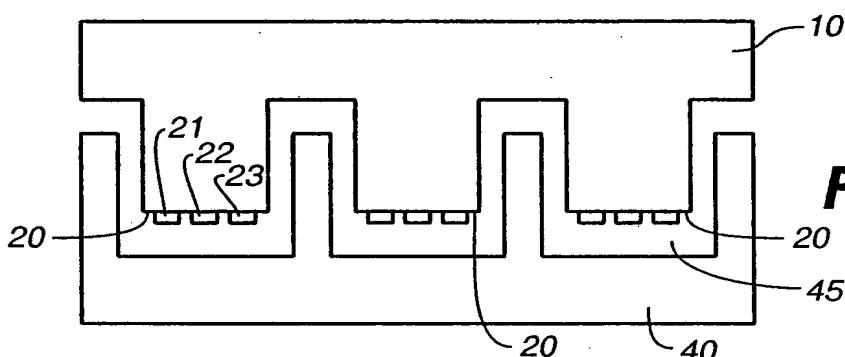


FIG. 1B

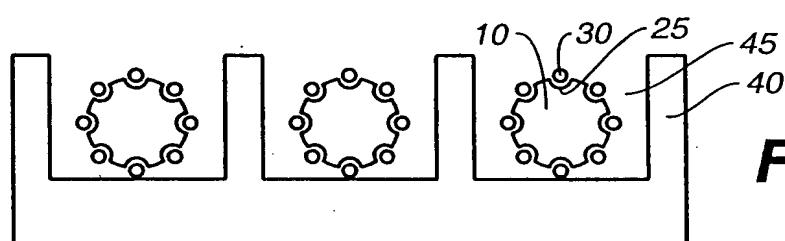


FIG. 1C

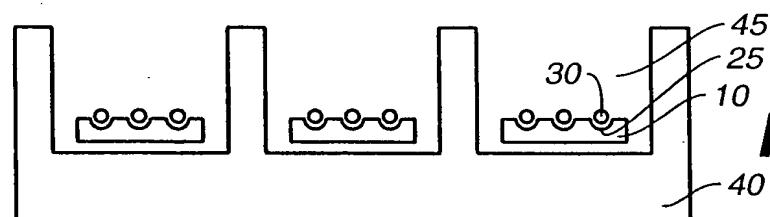


FIG. 1D

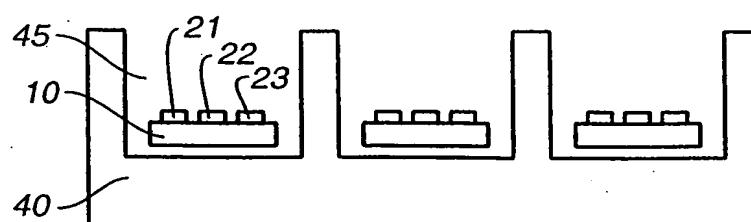


FIG. 1E

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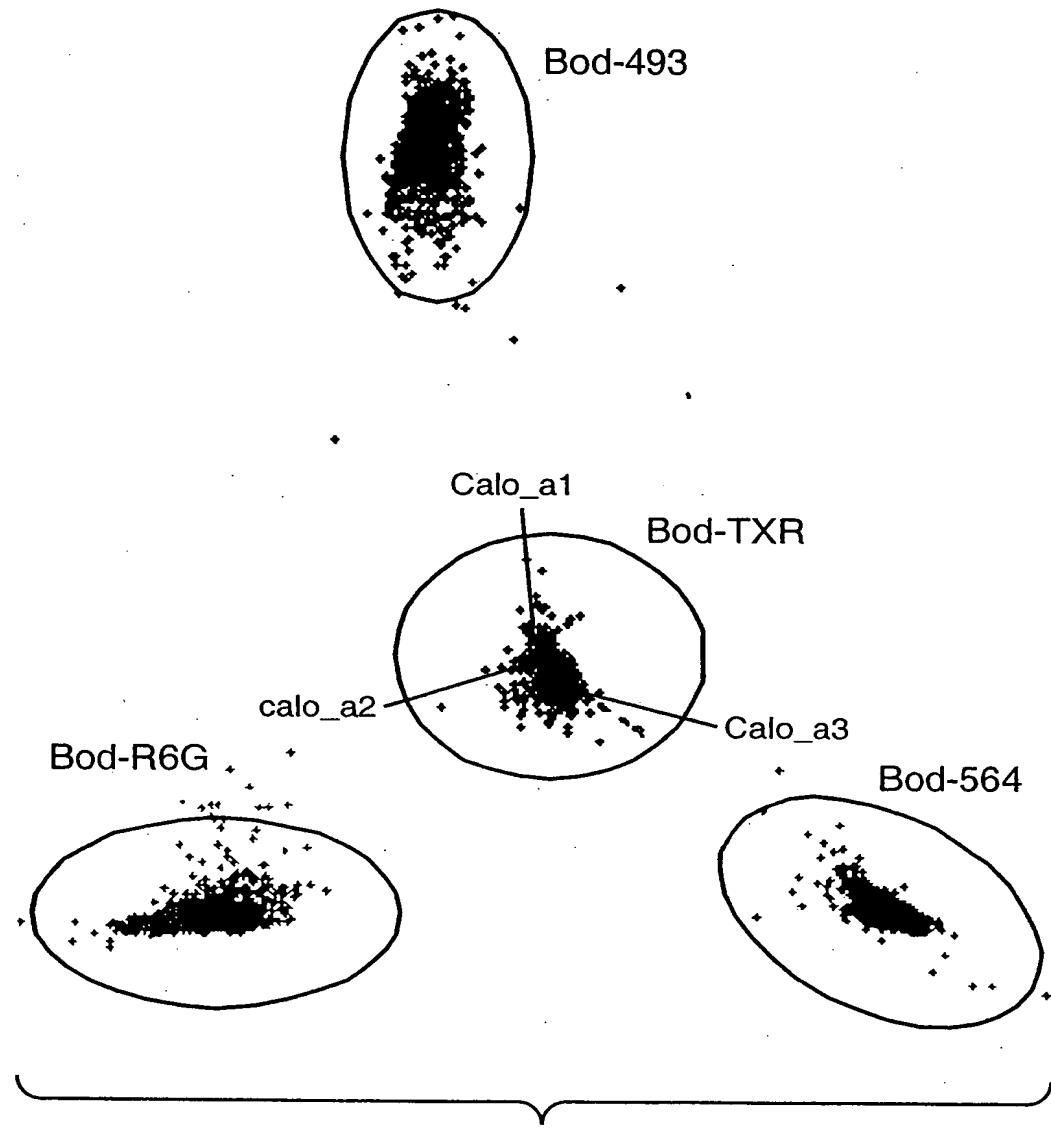


FIG.. 3



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DECODING 16 PROBES

HYB STAGE#

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432

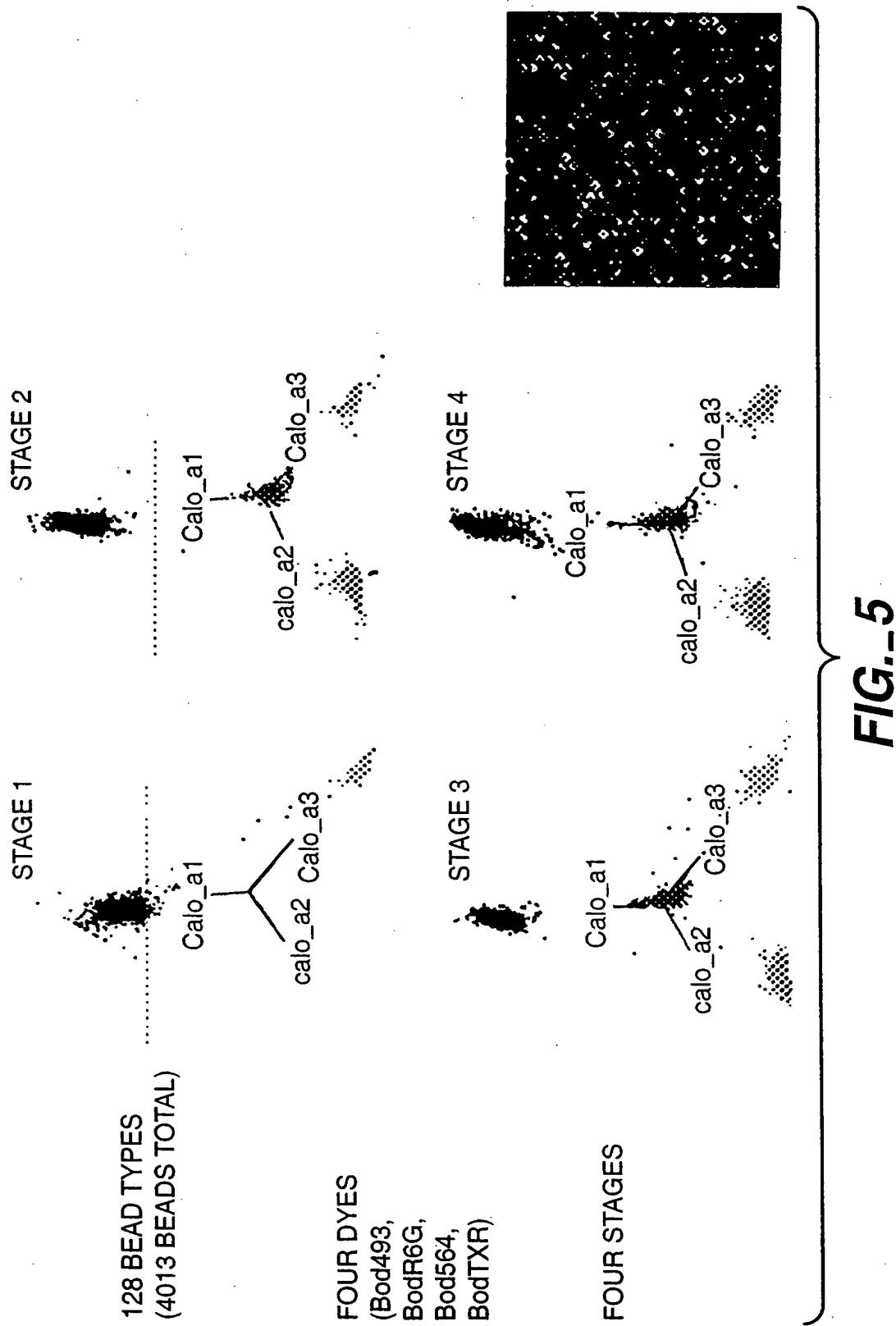
The image consists of four vertically stacked panels, each showing a different frame of a sequence. The background is a uniform black with a fine, regular halftone dot pattern. A white, roughly rectangular object with a slightly irregular shape and a few small dark specks on its surface moves from the bottom right of the first panel towards the top left of the fourth panel. The object's position changes in discrete steps between the frames, suggesting a slow, discrete movement or a sequence of still frames from a video.

FIG. 4

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GREYSCALE DECODING

Code	S1	S2	S3
1	100	100	100
2	100	100	40
3	100	100	10
4	100	40	100
5	100	40	40
6	100	40	10
7	100	10	100
8	100	10	40
9	100	10	10
10	40	100	100
11	40	100	40
12	40	100	10
13	40	40	100
14	40	40	40
15	40	40	10
16	40	10	100
17	40	10	40
18	40	10	10
19	10	100	100
20	10	100	40
21	10	100	10
22	10	40	100
23	10	40	40
24	10	40	10
25	10	10	100
26	10	10	40
27	10	10	10

FIG._6A

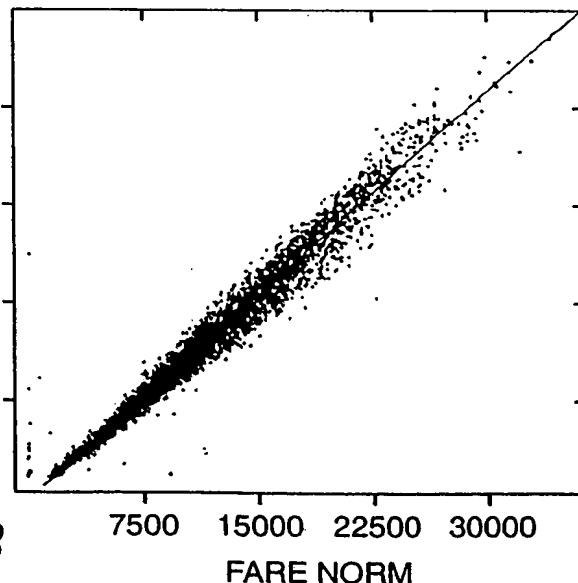
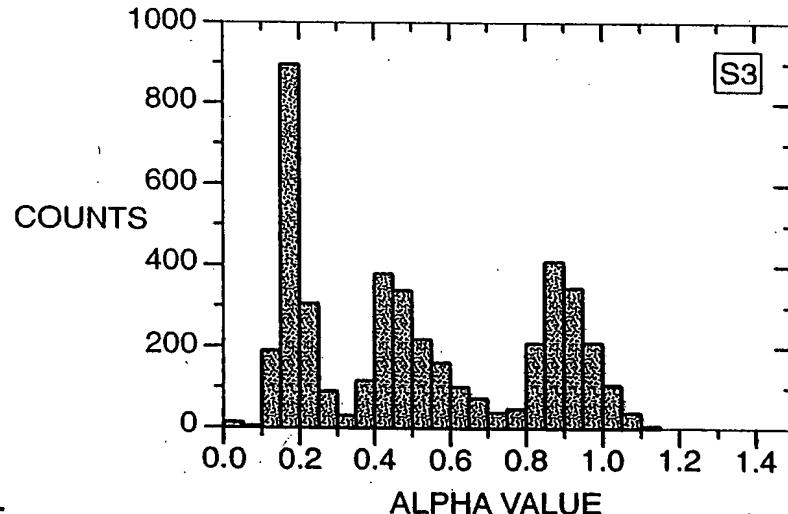
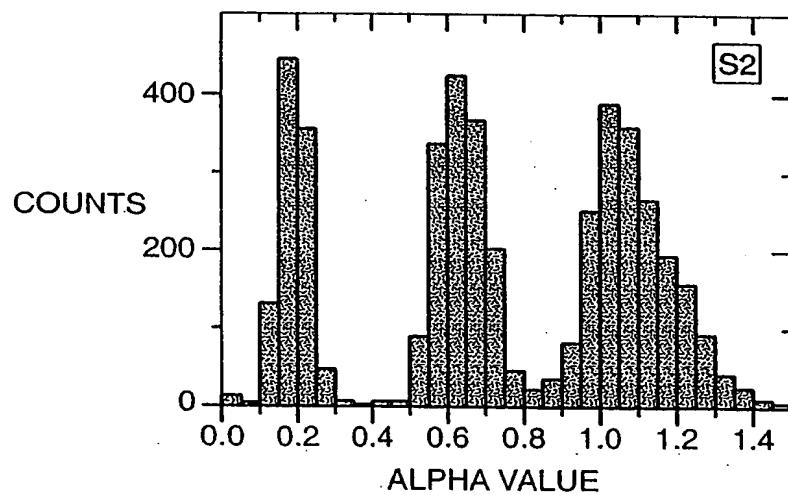
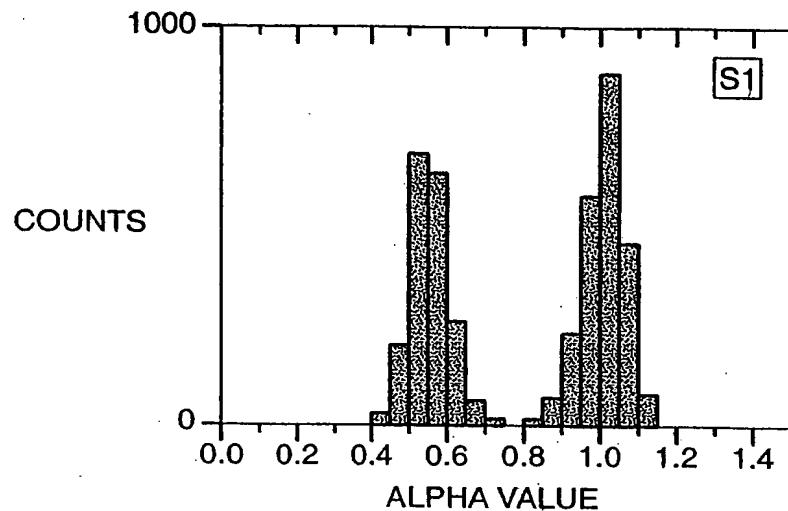


FIG._6B



FIG._6C

GREYSCALE DECODING



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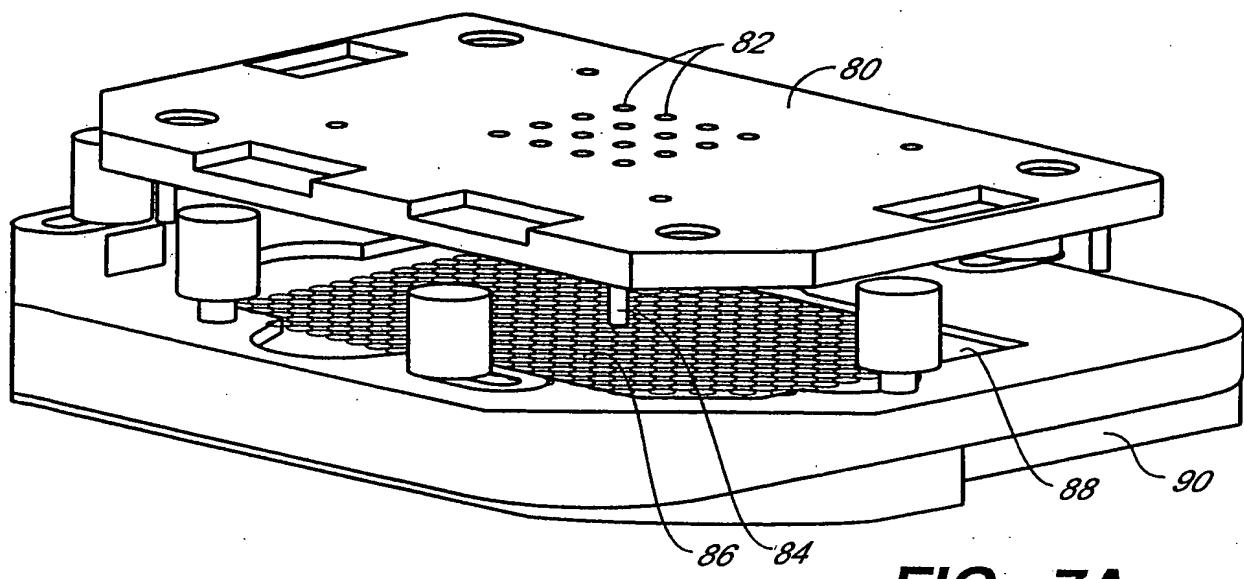


FIG. 7A

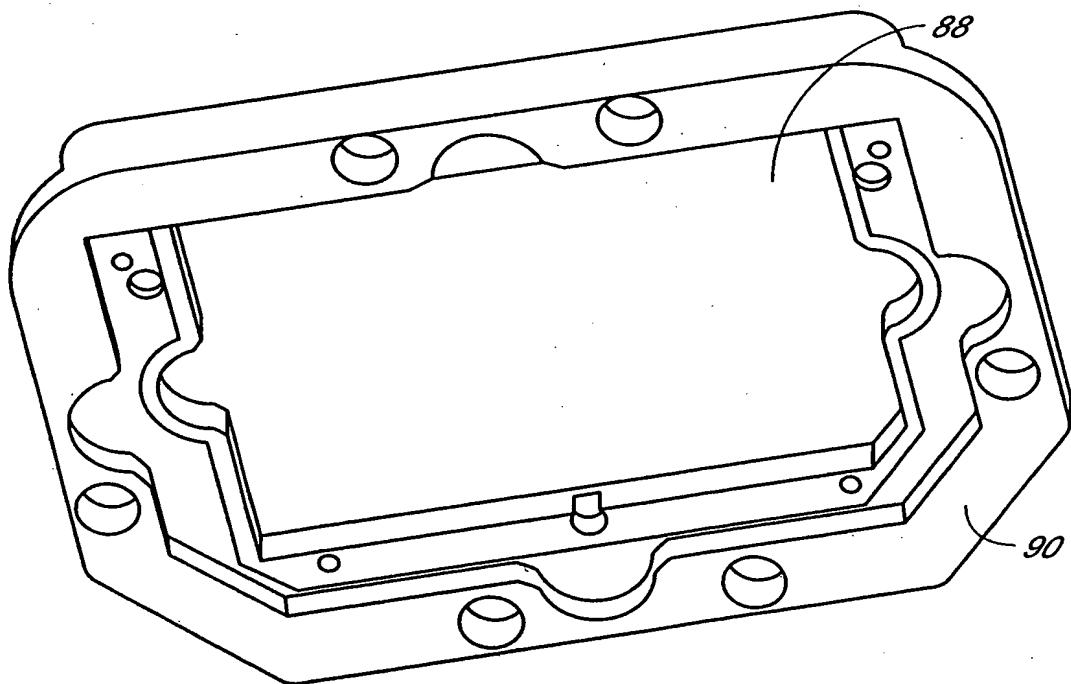


FIG. 7B



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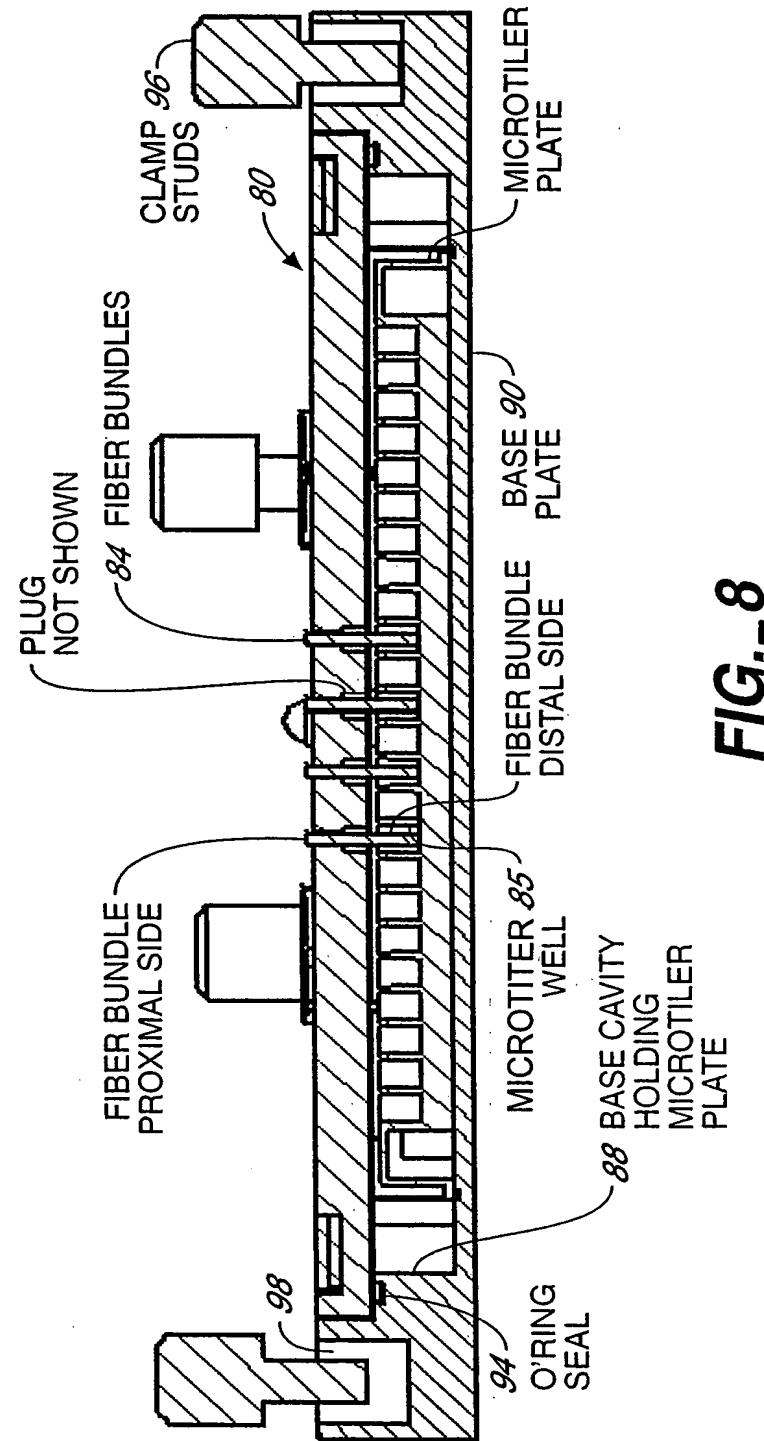


FIG. 8



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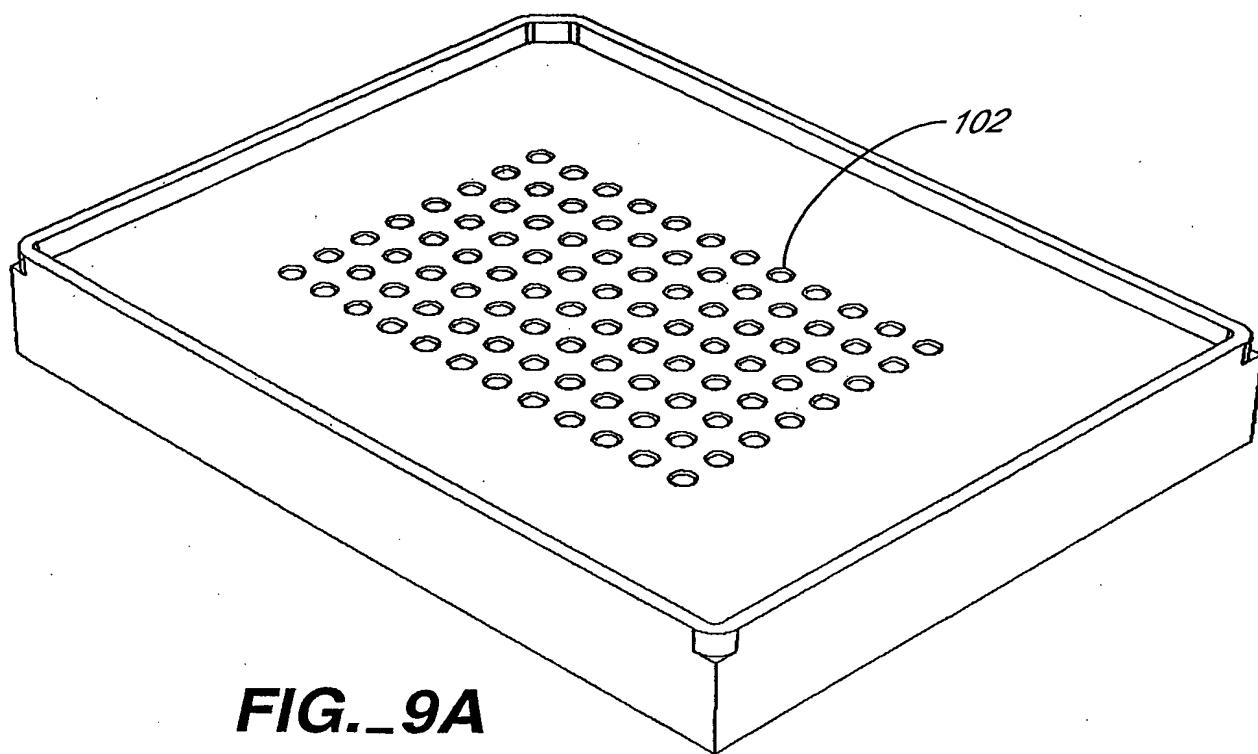


FIG._9A

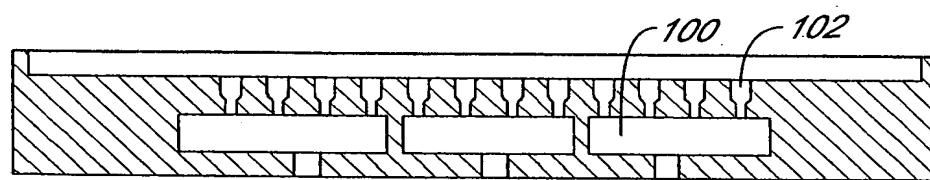
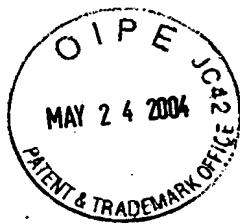


FIG._9B



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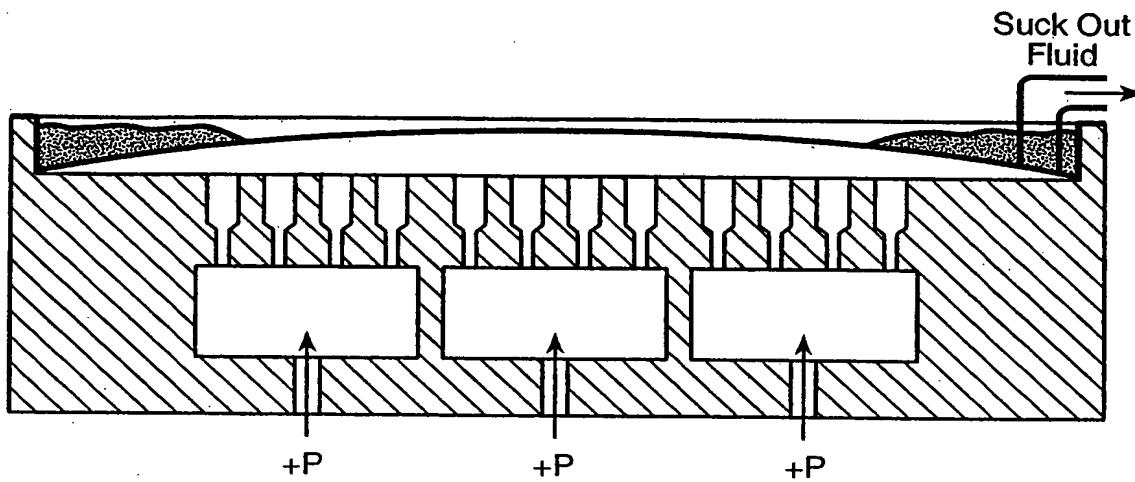


FIG. 10A

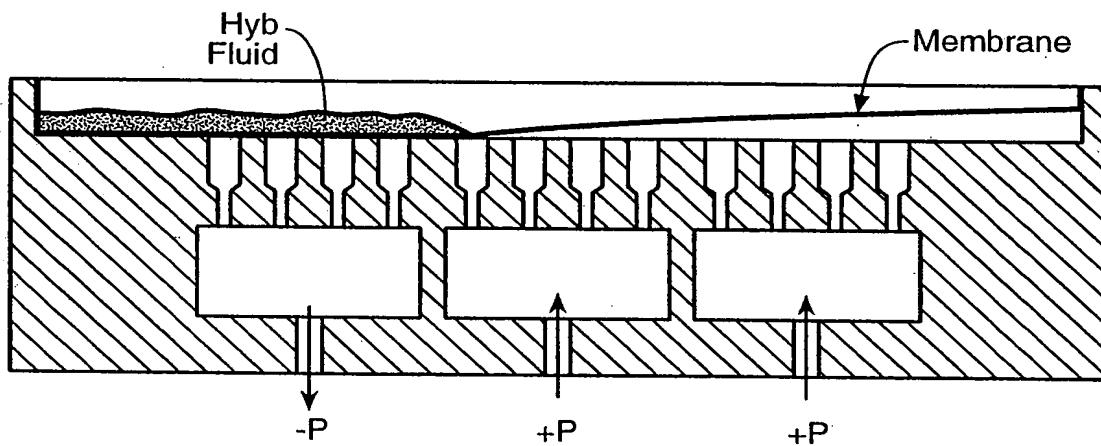


FIG. 10B

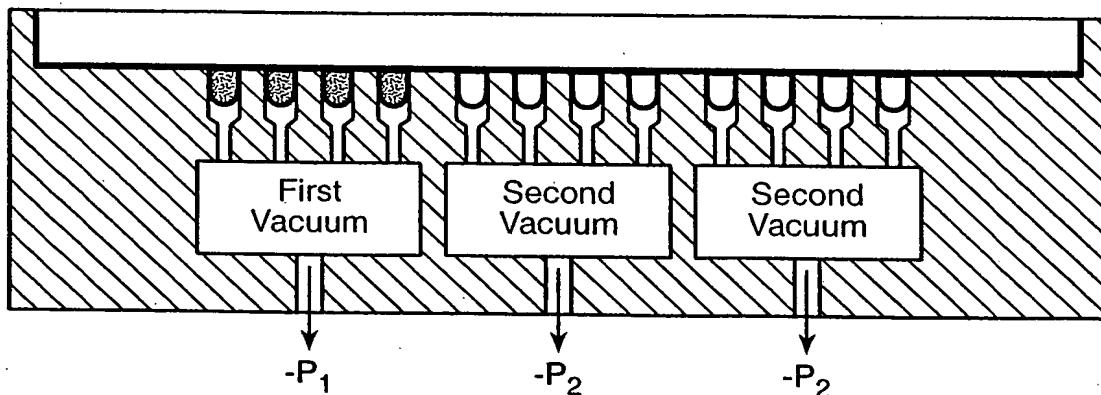


FIG. 10C

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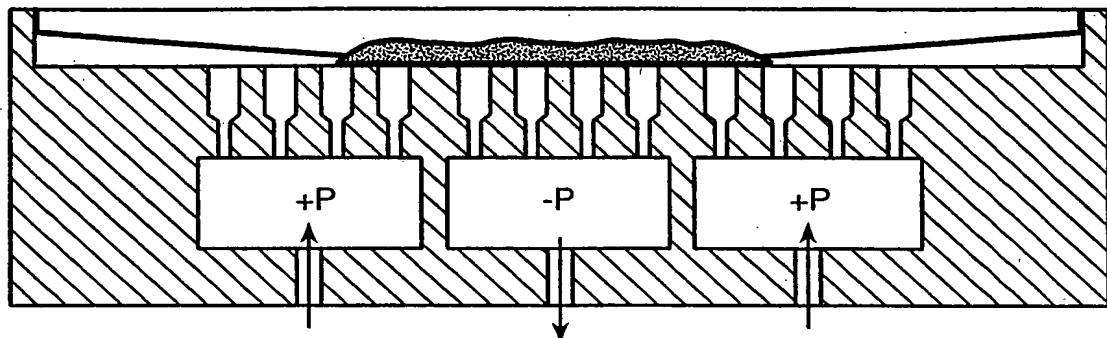


FIG. 10D

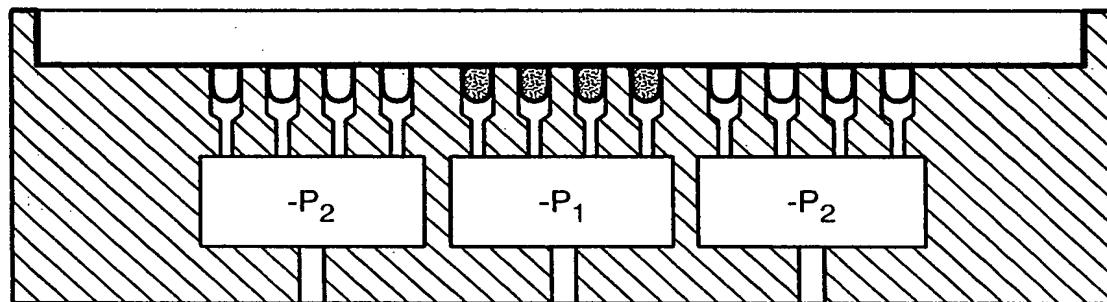


FIG. 10E

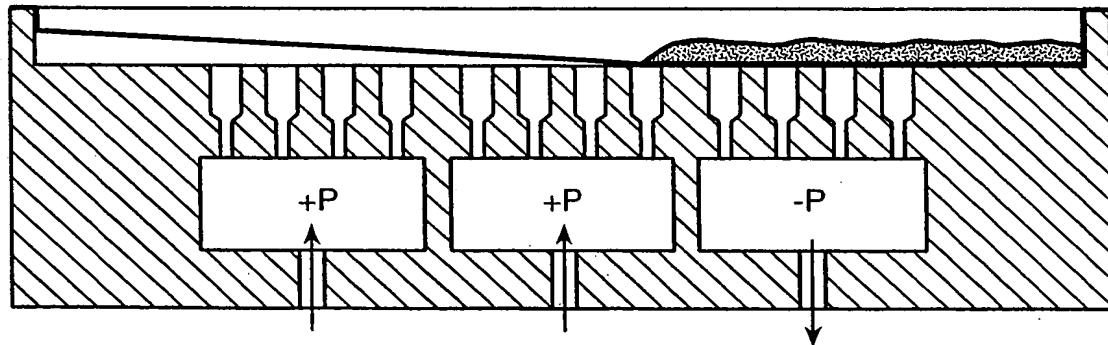


FIG. 10F

ANALYTICAL HYBRIDIZATION

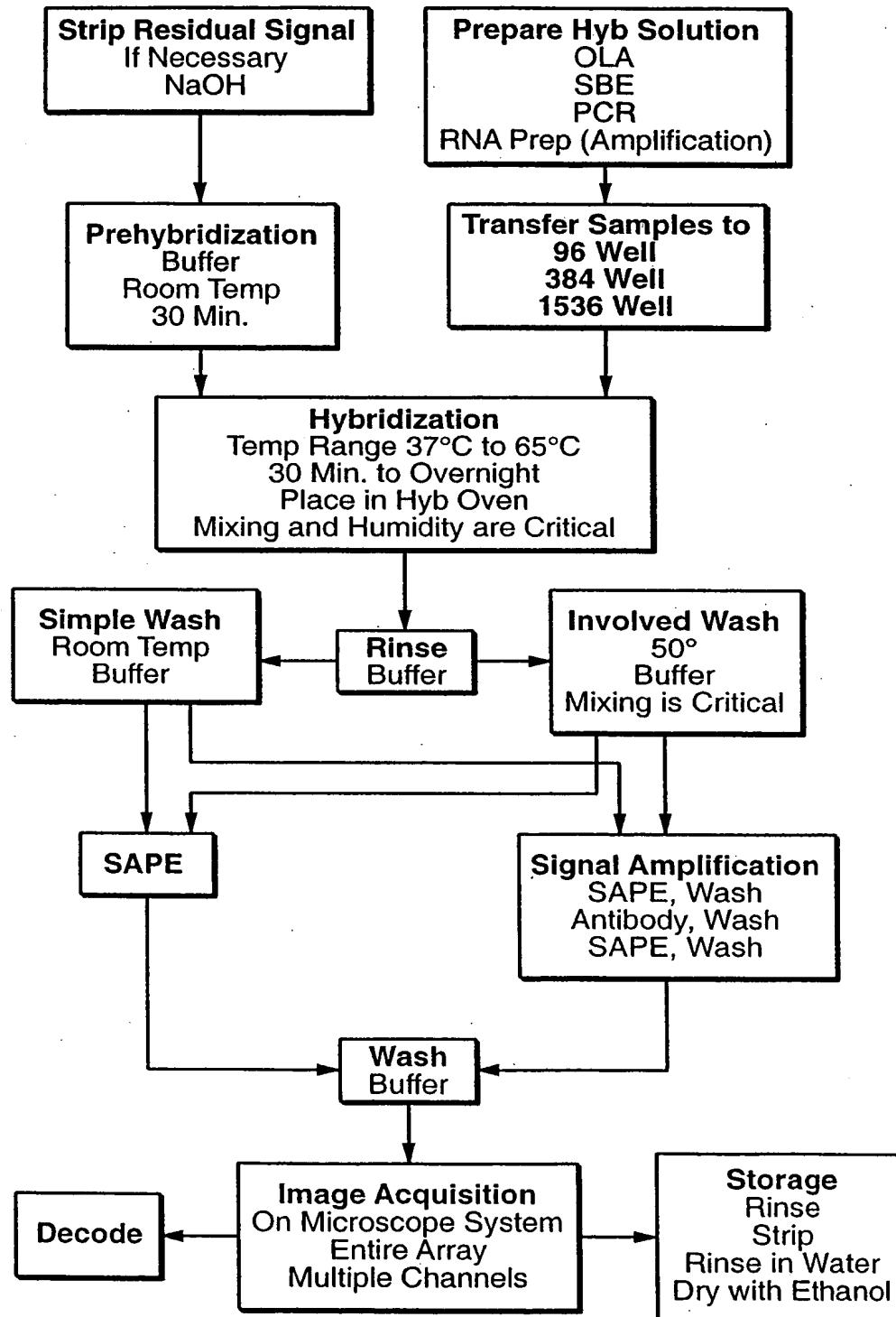


FIG._11

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MAY 24 2004
PATENT & TRADEMARK OFFICE
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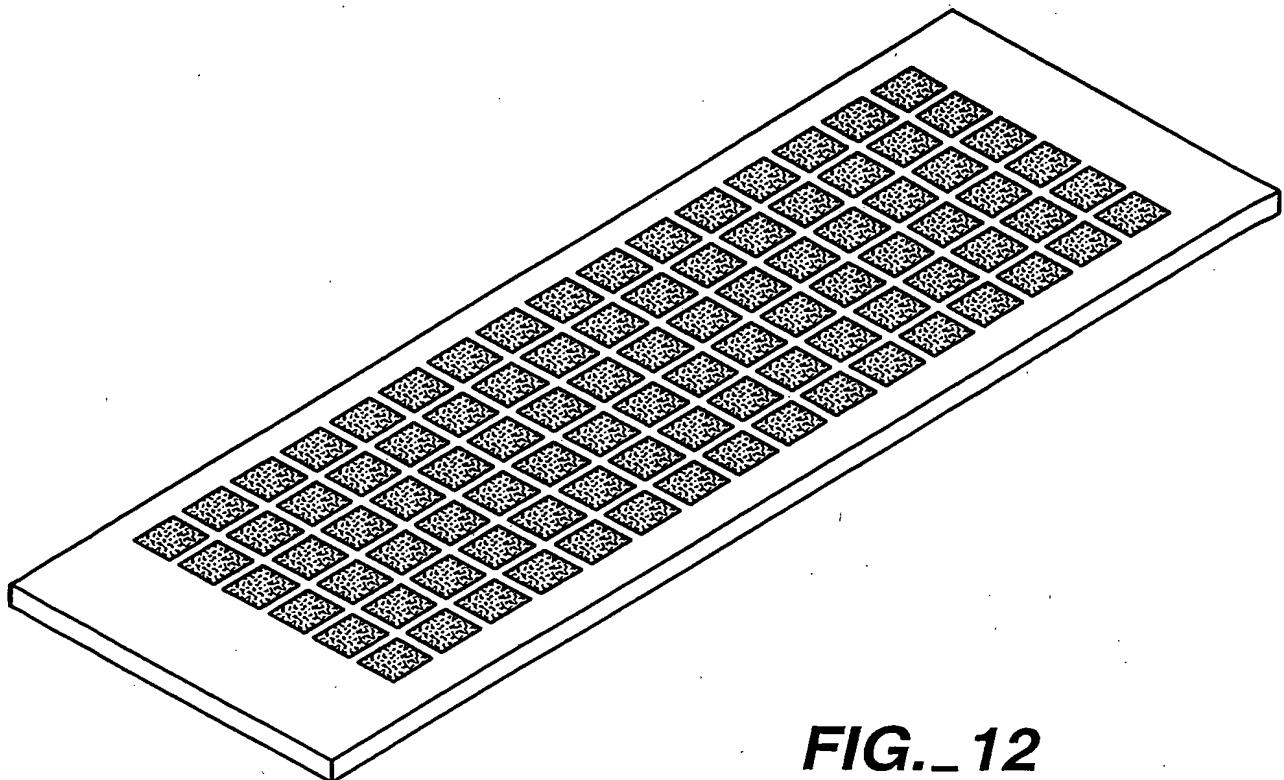


FIG._ 12

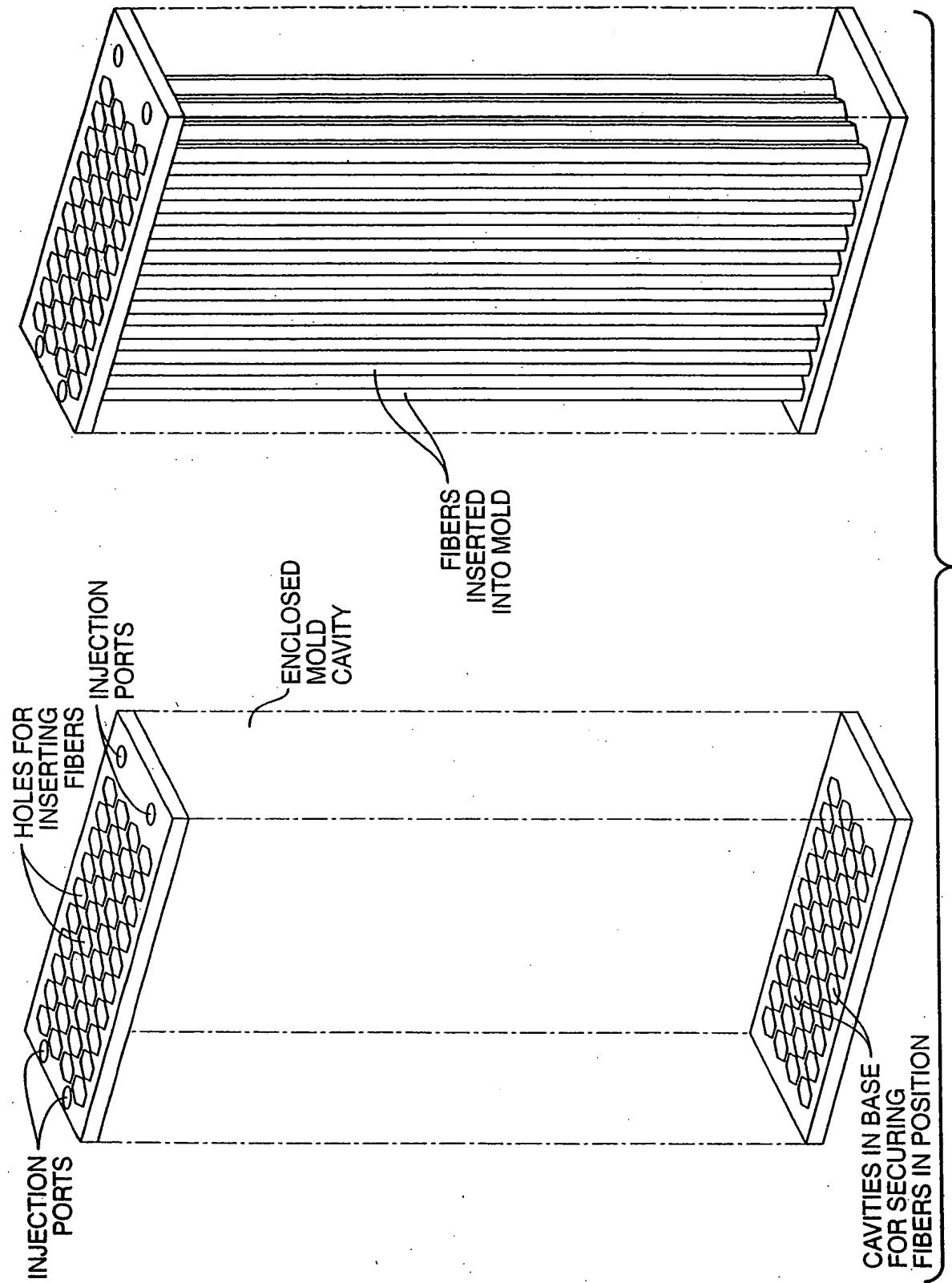
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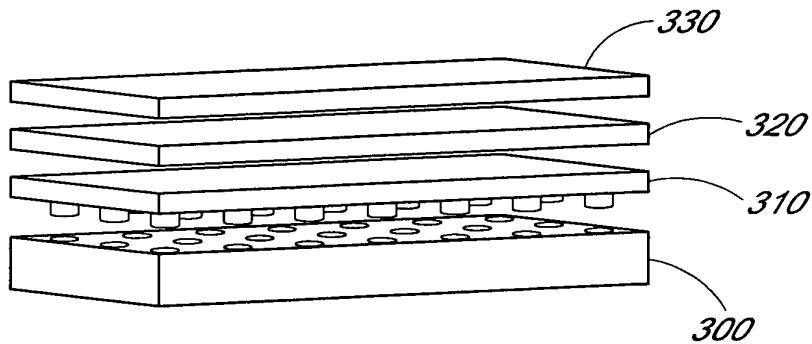


FIG. 14A

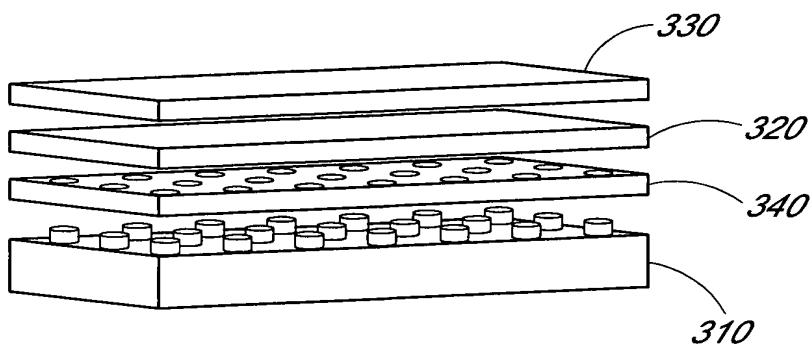


FIG. 14B

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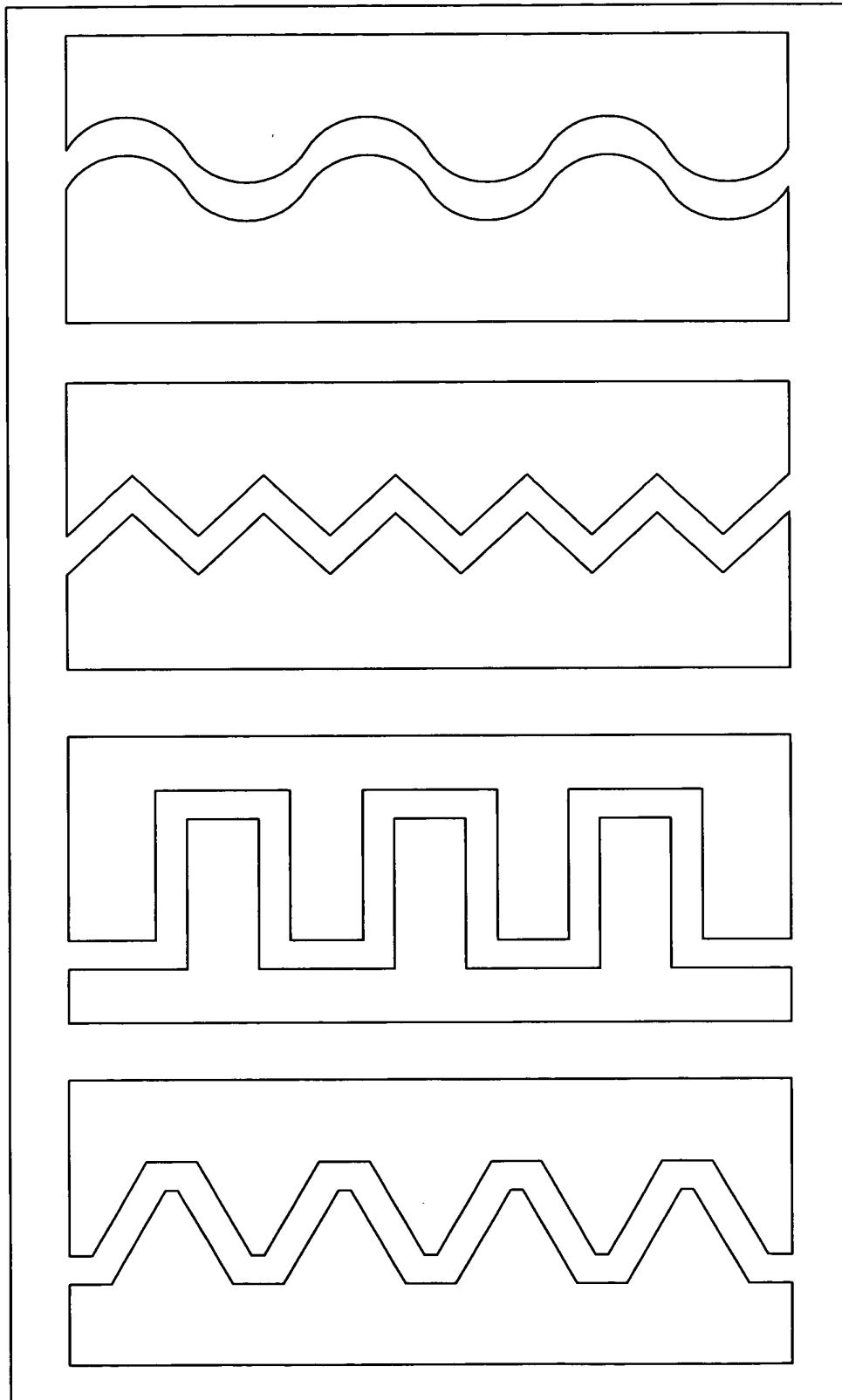


FIG. 15



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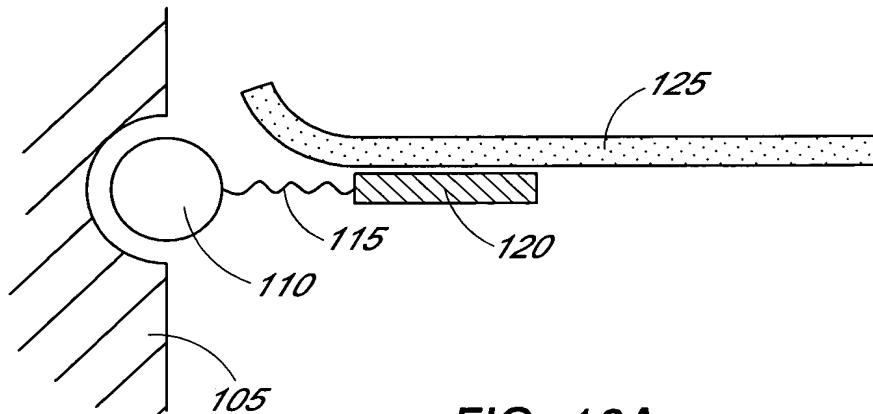


FIG. 16A

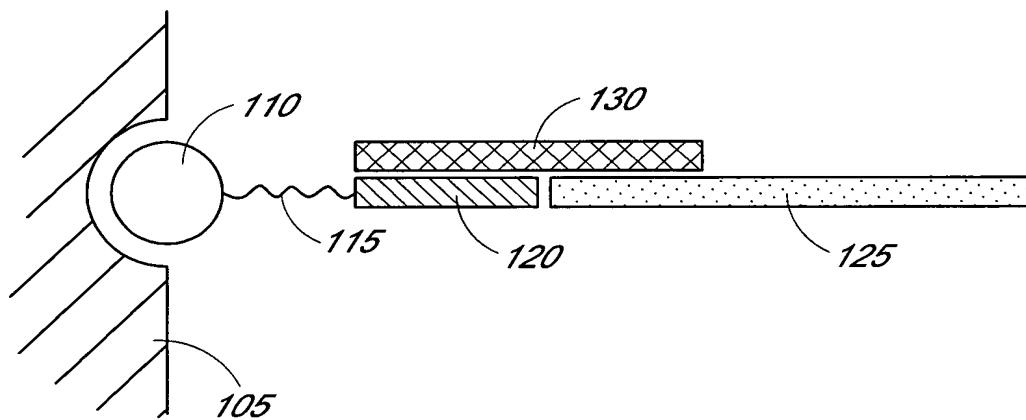


FIG. 16B

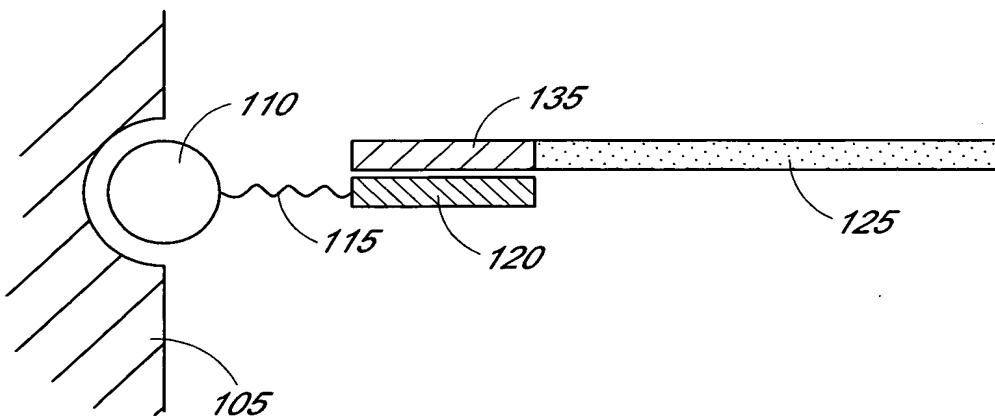


FIG. 16C